

REMARKS

Applicants appreciate the Examiner's thorough consideration provided the present application. Claims 1-10 are now present in the application. The drawings and claims 1, 4, 5 and 8-10 have been amended. Claims 1, 5 and 10 are independent. Reconsideration of this application, as amended, is respectfully requested.

Allowable Subject Matter

The Examiner has indicated that claims 1-4 would be allowable if rewritten to overcome the claim objections. Applicants greatly appreciate the indication of allowable subject matter by the Examiner.

In view of the foregoing amendments and the following remarks, it is believed that the claim objections have been overcome and claims 1-4 are in condition for allowance.

Drawings Objections

The drawings have been objected to as failing to designate a legend such as "prior art" to FIG. 1 of the instant application. Applicants have submitted one (1) sheet of corrected formal drawings to address the Examiner's requested changes. Accordingly, Applicants respectfully submit that this objection has been obviated and/or rendered moot. Reconsideration and withdrawal of the objection are respectfully requested.

Claim Objections

Claims 1-4 and 8 have been objected to due to the presence of minor informalities. In view of the foregoing amendments, in which the Examiner's helpful suggestions have been followed, it is respectfully submitted that this objection has been addressed. Applicants respectfully submit that this objection has been obviated and/or rendered moot. Reconsideration and withdrawal of this objection are respectfully requested.

Claim Rejections Under 35 U.S.C. §112

Claims 5-10 stand rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the enablement requirement. This rejection is respectfully traversed.

In view of the foregoing amendments, it is respectfully submitted that this rejection has been addressed. In particular, claims 5 and 10 now recite two measuring signals output from the demodulator. Accordingly, it is believed that claims 5-10 comply with the enablement requirement. Reconsideration and withdrawal of the rejection under 35 U.S.C. § 112, first paragraph, are therefore respectfully requested.

In addition, since the Examiner did not raise any 102 or 103 rejection against claims 5-10, it is believed that claims 5-10 are now in condition for allowance.

CONCLUSION

All the stated grounds of rejection have been properly traversed and/or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently pending rejections and that they be withdrawn.

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Art Unit: 2634

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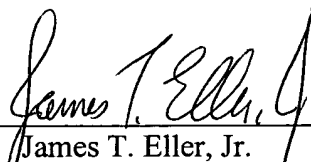
It is believed that a full and complete response has been made to the Office Action, and that as such, the Examiner is respectfully requested to send the application to Issue.

In the event there are any matters remaining in this application, the Examiner is invited to contact the undersigned at (703) 205-8000 in the Washington, D.C. area.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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AMENDMENTS TO THE DRAWINGS

Attached hereto is one (1) sheet of corrected formal drawings that complies with the provisions of 37 C.F.R. § 1.84. The corrected formal drawings incorporate the following drawing changes:

In FIG. 1, the legend "Background Art" has been added.

It is respectfully requested that the corrected formal drawings be approved and made a part of the record of the above-identified application.